MILL TEST CERTIFICATE

THE INSPECTION CERTIFICATE ACCORDING TO EN10204 (2004) 3.1 CONFORMING TO THE DEFINITION IN EN 10168

2344 - *CPR* - 0118
EN 10025-1
Hot rolled structural steel products

CERTIFICATE NO :	45685
ORDER NO :	236179
INVOICE NO :	IHD2023000000193

ORIGINAL

17.04.2023

NAME OF THE MANUFACTURER :	ISIK CELIK SANAYI VE TICARET A.S. ZONGULDAK CADDESI NO:38 78100 KARABUK TURKEY
NAME OF THE EXPORTER :	ISIK CELIK SANAYI VE TICARET A.S. I ZONGULDAK CADDESI NO:38 78100 KARABUK TURKEY
CUSTOMER :	LLC "METALICA-ZUEV" , LEGAL ADDRESS: MD-2028, MOLDOVA, CHISINA , st. G. ASAKI, 62 - 22 , FISCAL CODE: 1003600152385 , VAT CODE: 0201471 , TEL / FAX: (+37322) 4715-30, MAIL: d.cusneriov@mz.md , CONTACT PERSON: DMITRII CUSNERIO

DESCRIPTION OF GOODS :	PRIME, HOT ROLLED STEEL EQUAL ANGLES, FLAT BARS
QUALITY :	S235JR - EN 10025-1:2004
PRODUCTION STANDARD :	DIN EN 10056-1:1993 ,DIN EN 10058:2004

PHYSICAL PROPERTIES								MECHANICAL PROPERTIES										CHEMICAL COMPOSITION														
								TENSION TEST					CHARPY TEST(1)		BEND TEST (2)	RE-BEND TEST (2)	FATIGUE TEST (4)	PRODUCT ANALYSIS														
TEST PIECES NO	HEAT NO	PRODUCT NAME	SIZE MM	TOTAL QUANTITY IN MT (ACTUAL WEIGHT)	PCS BUNDLE	LENGTH METER	WORK ORDER	ORIENTATION(3)	YIELD S. (Re)	TENSİLE S.(Rm)	Rm / Re	ELONGATİON	TEST PIECES	VALUE (JOULE)				C	Si	Mn	P	S	Ti	Cu	Ni	Cr	Mo	V	Al	Nb	N	CARBON EQUIVALENT
									N/mm2			%						%	%	%	%	%	%	%	%	%	%	%	%	%	%	(CEV)
1	2219693	EQUAL ANGLES	45x45x4,0	6,02	-	6,00		-	273	407	1,49	29						0,17	0,19	0,66	0,035	0,034	0,003	0,057	0,039	0,031	0,004	0,004	0,002	0,0004	0,006	0,29
2	2221237	FLAT BARS	40x4,0	9,37	-	6,00		-	273	410	1,50	31						0,15	0,19	0,70	0,020	0,034	0,003	0,051	0,030	0,035	0,003	0,005	0,006	0,0002	0,004	0,28
3	2300339	FLAT BARS	50x4,0	5,77	-	6,00		-	278	414	1,49	28						0,15	0,18	0,60	0,029	0,025	0,001	0,055	0,037	0,037	0,006	0,004	0,005	0,0003	0,005	0,27
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1. WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED ABOVE HAS BEEN TESTED AND TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT.
2. THE CERTIFICATE SHALL NOT BE REPRODUCE EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL OF THE COMPANY
3. MATERIAL FREE FROM MERCURY AND RADIATION CONTAMINATION.

ISIK CELIK SANAYI VE TICARET A.S.

QUALITY CONTROL DEPARTMENT

NOTES:
(1) VALUES ARE FOR KV150, TEST TEMPRATURE=25 C
(2) "L" MEANS "LONGITUDINAL", "T" MEANS "TRANSVERSE"
(3) BEND & RE-BEND TESTS ARE ONLY RIBBED REINFORCING STEEL BARS
(4) NUMBER OF CYCLES x 1.000.000

Digitally signed by Muravschi Alexandr
Date: 2023.12.19 17:12:01 EET
Reason: MoldSign Signature
Location: Moldova

ISIK CELIK SANAYI VE TICARET A.S. KARABUK - M.T.001.7690